COURSE DETAIL

APPLIED MECHANICS 2
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Engineering Civil Engineering
UCEAP Course Number 15
UCEAP Course Suffix
UCEAP Official Title APPLIED MECHANICS 2
UCEAP Transcript Title APPLIED MECH 2
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

This course introduces the dynamics of particles and rigid bodies, focusing on kinematics and kinetics. The course explores motion characteristics, force applications, and analytical methods in the contexts of engineering applications, such as rigid body movements. This course serves as a cornerstone for learning advanced civil engineering dynamics, and the course materials integrate theoretical principles with practical applications.

Course Prerequisite: Calculus

Language(s) of Instruction
English

Host Institution Course Number
CIE1014

Host Institution Course Title
APPLIED MECHANICS 2

Host Institution Course Details
https://course.ntu.edu.tw/en/courses/113-2/36307

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Civil Engineering

Course Last Reviewed
2024-2025

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